USER MANUAL

Introduction

This Electronic Store Management System is a C program that allows you to manage products in an electronic store. It provides features such as inserting new products, displaying available products, updating product information, deleting products, and managing product sales.

System Requirements

This program is designed to run on a GCC compiler. Make sure you have a C compiler installed on your system.

Getting Started

1. Open the C source file (usually with a .c extension) in a text editor or an integrated development environment (IDE) that supports C programming.

2. Compile the program using a GCC compiler.

3. Run the compiled program in your terminal or command prompt.

Login

1. The program will start with a login screen.

2. Use the following credentials to log in as an admin:

   - Username: admin

   - Password: admin123

Main Menu

Once logged in successfully, you will see the main menu with the following options:

1. Add Product

2. Display Products

3. Search Product

4. Update Product

5. Delete Product

6. Sale Product

7. Exit

Options

1. Add Product:

   - Allows you to add a new product to the system.

   - Enter the product details when prompted, such as product code, name, rate, quantity, weight, and description.

2. Display Products:

   - Shows a list of all available products in the system.

   - Displays the product code, name, rate, quantity, weight, and description.

3. Search Product:

   - Search for a specific product by entering its product code.

   - If the product is found, its details will be displayed.

4. Update Product:

   - Allows you to update information for an existing product.

   - Enter the product code of the product you want to update.

   - Then, update the product name, rate, quantity, weight, and description as prompted.

5. Delete Product:

   - Displays all available products and prompts you to enter the product code of the product you want to delete.

   - Deletes the product from the system.

6. Sale Product:

   - Allows you to perform a product sale by entering the product code and the quantity of the product to be sold.

   - Checks if the entered quantity is available in the stock before proceeding with the sale.

7. Exit:

   - Closes the application and ends the program.

Note

The program stores the product data in a file named "Record.txt." All product information will be saved to the file, and any changes will be updated in this file. The program ensures data validation, such as checking if the product code already exists or if valid integer inputs are provided for rates and quantities. The program also provides a loading screen and welcome screen for a more user-friendly experience.

Closing the Application

To close the application, you can choose the "Exit" option from the main menu. Alternatively, you can use the close_app() function to exit the program with a confirmation prompt.

Conclusion

This user manual provides an overview of the Electronic Store Management System written in C. You can use this system to efficiently manage products in an electronic store, including adding, displaying, updating, and deleting products. Enjoy managing your electronic store effectively using this system!